

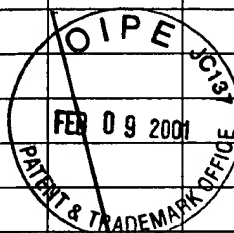
FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 10873.384USW0	Application Number: 09/646,139
	Applicant: Ishida et al.	
	Filing Date: September 13, 2000	Group Art Unit: 2651 1773

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	TECHNOLOGY CENTER	FILING DATE APPROPRIATE	
HOL	6,088,200	Jul. 2000	Morita	360	135		
HOL	5,991,104	Nov. 1999	Bonyhard	360	135		
HOL	5,898,421	Apr. 1999	Oyanagi et al.	360	135		
HOL	5,748,421	May 1998	Taki et al.	360	135		
HOL	5,585,989	Dec. 1996	Kuromiya et al.	360	135		
HOL	5,303,092	Apr. 1994	Noda	360	17		
HOL	5,296,995	Mar. 1994	Yonezawa et al.	360	135		
HOL	4,912,585	Mar. 1990	Belser et al.	360	135		
HOL	4,911,967	Mar. 1990	Lazzari	428	64		
HOL	4,525,828	Jun. 1985	Higashiyama et al.	369	111		
HOL	4,422,106	Dec. 1983	Sawazaki	360	17		
HOL	3,869,711	Mar. 1975	Bernard et al.	360	17		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
HOL	✓ JP 9-138927	May. 1997	Japan	X		Abstract	
HOL	✓ JP 7-44858	Feb. 1995	Japan		Abstract		
HOL	✓ JP 63-811	Jan. 1988	Japan		Abstract		
HOL	✓ JP 63-183623	July. 1988	Japan		Abstract		
HOL	✓ JP 63-166023	Jul. 1988	Japan		Abstract		
HOL	✓ JP 62-264432	Nov. 1987	Japan		Abstract		
HOL	✓ JP 62-124622	June 1987	Japan		Abstract		
HOL	✓ JP 61-66215	Apr. 1986	Japan				
HOL	✓ JP 61-190719	Aug. 1986	Japan		Abstract		
HOL	✓ JP 60-22733	Feb. 1985	Japan				
HOL	JP 60-209915	Oct. 1985	Japan		Abstract		
HOL	✓ JP 58-94137	Jun. 1983	Japan		Abstract		
HOL	✓ JP 58-94136	Jun. 1983	Japan		Abstract		
HOL	✓ JP 57-8921	Feb. 1982	Japan		Abstract		

EXAMINER	<i>H. Ishida</i>	DATE CONSIDERED	2/8/02
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
HA	✓ JP 57-24032	Feb. 1982	Japan			Abstract	
HA	✓ JP 57-158041	Sept. 1982	Japan			Abstract	
HA	✓ JP 57-158040	Sept. 1982	Japan			Abstract	
HA	✓ JP 57-158039	Sept. 1982	Japan			Abstract	
HA	✓ JP 57-158038	Sept. 1982	Japan			Abstract	
HA	✓ JP 57-158004	Sept. 1982	Japan				
HA	✓ JP 57-109134	July. 1982	Japan			Abstract	
HA	✓ JP 57-109133	July. 1982	Japan			Abstract	
HA	✓ JP 56-7243	Jan. 1981	Japan				
HA	✓ JP 56-68926	Jun. 1981	Japan			Abstract	
HA	✓ JP 56-41528	Apr. 1981	Japan				
HA	✓ JP 56-22219	Mar. 1981	Japan			Abstract	
HA	✓ JP 55-70935	May 1980	Japan			Abstract	
HA	✓ JP 55-12545	Jan. 1980	Japan			Abstract	
HA	✓ JP 51-25723	Aug. 1976	Japan			Partial	
HA	✓ JP 49-5610	May. 1972	Japan			Partial	
HA	✓ JP 48-53704	July. 1973	Japan			Partial	
HA	✓ JP 4-251440	Sep. 1992	Japan			Abstract	
HA	✓ JP 4-251435	Sep. 1992	Japan			Abstract	
HA	✓ JP 4-134629	May. 1992	Japan			Abstract	
HA	✓ JP 3-256223	Nov. 1991	Japan				
HA	✓ JP 2-98820	Apr. 1990	Japan			Abstract	
HA	✓ JP 2-94111	Apr. 1990	Japan			Abstract	
HA	✓ JP 2-301018	Dec. 1990	Japan			Abstract	
HA	✓ JP 2-214023	Aug. 1990	Japan			Abstract	
HA	✓ JP 2-132630	May. 1990	Japan			Abstract	
HA	✓ JP 10-40544	Feb. 1998	Japan				
HA	✓ JP 10-275435	Oct. 1998	Japan			Abstract	



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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
HLL	✓ JP 10-269566	Oct. 1998	Japan				
HLL	✓ JP 10-162360	Jun. 1998	Japan		Abstract		
HLL	✓ GB 2 164 483	Mar. 1986	UK				
HLL	✓ EP 0 915 456	May. 1999	European Patent Office				
HLL	✓ EP 0 655 734	May. 1995	European Patent Office				
HLL	✓ EP 0 131 895	Jan. 1985	European Patent Office				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
HLL	✓	C. Denis Mee et al. <u>Magnetic Recording</u> (Volume III: Video, Audio, and Instrumentation Recording), Chapter 2, pp. 9405.					
HLL	✓	Tanaka et al., Characterization of Magnetizing Process for Pro-Embossed Servo Pattern of Plastic Hard Disks, IEEE Transaction on Magnetics, pp 4209-4211, Vol. 30, No. 6, November 1994					
HA	✓	International Preliminary Examination Report					



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